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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

REPORT

CD NO.

COUNTRY

East Germany

SUBJECT

SDAG Wismut: Uranium Ore Output

DATE DISTR. 13 October 1958

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1. In 1957, the total volume of East German uranium ore shipped to the Soviet Union amounted to 143,887 tons.

It appears that the 1957 uranium ore shipments are virtually equal to those reported for 1956 (i.e. 146,391 tons). In 1957, SDAG Wismut's monthly shipments to the Soviet Union were as follows:

January	10,903 tons	July	13,766 tons
February	11,728 tons	August	12,359 tons
March	12,270 tons	September	11,475 tons
April	11,423 tons	October	12,315 tons
May	10,258 tons	November	13,485 tons
June	11,300 tons *	December	12,600 tons

Total during first half of 1957	67,887 tons	Total during second half of 1957	76,000 tons
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Grand total : 143,887 tons
(grand total in 1956: 146,391 tons)

Monthly average during the first half of 1957 :	11,310 tons
Monthly average during the second half of 1957:	12,600 tons
(Respective figures in 1956 :	11,920 tons
	and 12,470 tons)

During the first 5 months of 1958, the following volume of uranium ore was shipped:

January	12,270 tons
February	11,280 tons
March	11,900 tons
April	12,330 tons
May	12,300 tons
Total	60,080 tons

The monthly average amounted to 12,015 tons.

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The volume of shipments in 1957 and 1958 was computed according to the number of freight cars of 15-ton average carrying capacity and does not represent the exact weight. But as the difference is known not to surpass 1 - 2 percent, it may be considered negligible.

The monthly average of uranium ore shipments in 1958 differ but slightly from the figures reported during the second half of 1957. An appreciable decline is shown, however, in the figures under paragraph 2 covering rail shipments from the mining objects to the processing plants. In view of the fact that Objects 32, 99, and 100 were closed in 1957, it may be assumed that, similar to the conditions prior to 1953, the shipments to the Soviet Union consist partly of **unprocessed** ore, i.e. ore of a lower U_3O_8 content.

2. The following internal rail shipments of raw ore were reported from SDAG Wismut mining objects to processing plants:

January	375,360 tons	July	339,679 tons
February	396,233 tons	August	413,972 tons
March	421,223 tons	September	343,170 tons
April	353,622 tons	October	357,207 tons
May	352,555 tons *	November	366,033 tons
June	343,753 tons	December	304,753 tons

Total during first half of 1957 2,242,776 tons

Total during second half of 1957 2,178,613 tons

Grand total: 4,421,594 tons

In 1956, 4,477,226 tons were shipped by rail from the mining objects to the processing plants.

The 1957 total volume of ore mined and shipped by rail or truck shows a decline in comparison to the 1956 figures due to the fact that processing plants Nos 32, 99, and 100, which were **chiefly** served by truck shipments, were closed and truck shipments decreased accordingly. It may be assumed that the 1957 **ore-all** mining output will not surpass 5 million tons, which means a 10-percent decrease of the 1956 figure.

In 1958, rail shipments of raw ore from the mining objects to the processing plants decreased considerably in volume. On the basis of available data, rail shipments during the first 4 months of 1958 were the following:

	1958	1957	1958 Shipments in Percentage of 1957 Shipments
January	330,680 tons	375,360 tons	88 %
February	301,101 tons	396,233 tons	76 %
March	233,618 tons	421,223 tons	67 %
April	243,519 tons	353,622 tons	69 %

* Estimated value, complete data not available.

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This decline was mainly due to depletion of the deposits at Mine Objects Nos 1 and 2 (see para. 3a and 3b), and diminished output at Object 9 (see para. 3b).

3. Rail shipments of raw uranium ore from the individual mining objects to the processing plants were as follows:

a. Object 1

Object 1 is constituted of former mining objects Nos 1 and 10 (Johanngeorgenstadt), 3 (Breitenbrunn), 3 (Annaberg), and 7 (Gruenstaedtel). Since 1955, the mining output in these areas had steadily declined, and in August 1956 the wet-mechanical processing plant at Johanngeorgenstadt had been shut down. The ore mined there was subsequently railshipped to the various other processing plants. During the last quarter of 1957, these shipments were only one third of the volume shipped during the first half of 1957. In April 1958, the mining object was discontinued.

1957

January	35,957 tons	July	26,903 tons
February	35,646 tons	August	26,554 tons
March	37,205 tons	September	23,157 tons
April	34,491 tons	October	10,730 tons
May	36,370 tons	November	15,193 tons
June	<u>31,794 tons</u>	December	<u>11,518 tons</u>
Total during first half of 1957	<u>211,463 tons</u>	Total during second half of 1957	<u>114,110 tons</u>

Grand total: 325,573 tons

(Grand total in 1956: 311,860 tons. Prior to August 1956, shipments were made chiefly by truck or narrow-gauge rail system and the corresponding tonnage is not included in the figures presented).

b. Object 2, Object 9

Rail shipments of crude uranium ore from Object 2 reached a peak of 103,000 tons in March 1957. It was known that the mining output of Objects 2 and 9 were kept at a steady level by occasional transfer of some pits in order to achieve plan fulfillment of Object 2. In April 1958, the two Objects were merged.

Object 2

1957

January	74,554 tons	July	73,001 tons
February	88,379 tons	August	75,746 tons
March	103,019 tons	September	49,409 tons
April	52,978 tons	October	65,131 tons
May	50,000 tons *	November	61,987 tons
June	<u>57,685 tons</u>	December	<u>52,402 tons</u>
Total during first half of 1957	<u>426,625 tons</u>	Total during second half of 1957	<u>377,654 tons</u>
Grand total:	<u>804,291 tons</u>	(Grand total in 1956:	931,654 tons)

* Estimated value

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1958

January	54,642 tons
February	39,967 tons
March	30,193 tons
April	merged with Object 9

Object 9

Object 9, including mines in the Aue, Schneeberg, Oberschlema and Niederschlema, and Hartenstein areas continued to be the most important East German mining area for uranium ore.

<u>1957</u>		<u>1957</u>	
January	102,605 tons	July	115,355 tons
February	93,717 tons	August	116,180 tons
March	109,837 tons	September	99,041 tons
April	103,378 tons	October	100,517 tons
May	100,551 tons	November	100,746 tons
June	<u>95,936 tons</u>	December	<u>85,536 tons</u>

Total during first half of 1957	<u>611,124 tons</u>	Total during second half of 1957	<u>617,425 tons</u>
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Grand total: 1,228,549 tons
 (grand total in 1956: 1,333,516 tons)

1958

January	100,135 tons
February	36,085 tons
March	69,324 tons
April	75,972 tons

c. Object 6

In 1958, Object 6 with a quantitatively low yield of high-grade uranium showed a 20 percent decrease of its output, compared with the 1957 average. This was largely due to depletion of the Tannenbergsthal deposits. Processing Plant No 32 located in that region was closed in April 1957. The apparent increase in ore shipments by rail do not indicate higher mine yields, but are the result of a shift of shipments from truck to rail. This was chiefly due to the closing of Tannenbergsthal Processing Plant No 32.

January	23,743	July	33,013 tons
February	36,451	August	32,994 tons
March	33,525 tons	September	26,582 tons
April	28,219 tons	October	25,482 tons
May	30,022 tons	November	24,634 tons
June	<u>26,666 tons</u>	December	<u>20,662 tons</u>

Total during first half of 1957	<u>171,626 tons</u>	Total during second half of 1957	<u>161,367 tons</u>
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Grand total: 341,993 tons
 (grand total in 1956: 105,863 tons)

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d. Object 90:

Rail shipments from Object 90 remained at the same level reached in the preceding year. Seelingstaedt was reported as a new shipping station as of April 1957. Shipments dispatched from Ronneburg decreased in April 1953 to one tenth of the volume reached in early 1957.

1957

January	138,501 tons	July	151,402 tons
February	142,040 tons	August	162,493 tons
March	137,587 tons	September	144,936 tons
April	129,556 tons	October	155,201 tons
May	135,642 tons	November	157,478 tons
June	131,622 tons	December	134,590 tons

Total during first half of 1957	<u>814,943 tons</u>	Total during second half of 1957	<u>906,155 tons</u>
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Grand Total 1,721,103 tons
(grand total in 1956: 1,744,333 tons)

1958

January	139,137 tons
February	140,315 tons
March	153,979 tons
April	141,992 tons

- e. In summary, in 1957, the following rail shipments were made from the individual mining objects to the processing plants:

	1957	1956	Difference of 1957 and 1956 yields
Object 1	325,573 tons	311,360 tons	+ 13,713 tons
Object 2	304,291 tons	931,654 tons	- 127,363 tons
Object 6	341,993 tons	105,863 tons	+ 236,130 tons
Object 9	1,228,549 tons	1,383,516 tons	- 154,967 tons
Object 90	1,721,103 tons	1,744,333 tons	- 23,230 tons
Total	4,421,509 tons	4,477,226 tons	- 55,717 tons

4. The following rail shipments of raw uranium ore were dispatched from the mine objects to the individual processing plants:

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a. Lengenfeld Object 31

1957

January	20,541 tons	July	40,764 tons
February	12,803 tons	August	46,077 tons
March	26,762 tons	September	33,314 tons
April	23,337 tons	October	35,062 tons
May	33,120 tons	November	37,445 tons
June	<u>31,374 tons</u>	December	<u>32,372 tons</u>

Total during 152,987 tons
first half of
1957

Total during 225,034 tons
second half of
1957

Grand total: 378,021 tons

(grand total in 1956: 309,693 tons)

1958

January	35,540 tons
February	26,641 tons
March	29,372 tons
April	<u>11,924 tons</u>

b. Tannbergsthal Object No 32

1957

January	3,549 tons
February	5,755 tons
March	6,813 tons
April	<u>1,837 tons</u>

closed after April

c. Dresden-Gittersee Object No 95

1957

January	34,960 tons	July	38,257 tons
February	39,543 tons	August	46,726 tons
March	38,172 tons	September	39,993 tons
April	36,319 tons	October	43,205 tons
May	34,852 tons	November	43,415 tons
June	<u>40,003 tons</u>	December	<u>31,880 tons</u>

Total during 223,849 tons
first half of
1957

Total during 243,476 tons
second half of
1957

Grand total: 467,325 tons

(grand total in 1956: 401,846 tons)

1958

January	41,599 tons
February	37,922 tons
March	36,004 tons
April	<u>31,643 tons</u>

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d. Freital ~~Potachappel~~ Object No 96 (93)1957

January	23,228 tons	July	22,720 tons
February	16,621 tons	August	24,220 tons
March	19,786 tons	September	20,626 tons
April	19,515 tons	October	23,525 tons
May	22,822 tons	November	22,527 tons
June	<u>9,313 tons</u>	December	<u>23,190 tons</u>

Total during 111,235 tons
first half of
1957

Total during 136,808 tons
second half
of 1957

Grand total: 248,093 tons

(grand total in 1956: 202,429 tons)

1958

January	24,319 tons
February	22,546 tons
March	30,438 tons
April	34,222 tons

e. Aue Object No 100

1957

January	7,635 tons
February	10,529 tons
March	589 tons

subsequently closed down.

f. Grossen near Zwickau Object No 101

1957

January	285,397 tons	July	296,469 tons
February	310,982 tons	August	295,465 tons
March	329,101 tons	September	249,237 tons
April	267,514 tons	October	255,409 tons
May	261,791 tons *	November	256,651 tons
June	<u>263,063 tons</u>	December	<u>217,316 tons</u>

Total during 1717,848 tons
first half of
1957

Total during 1570547 tons
second half
of 1957

Grand total: 3,288,395 tons

(grand total in 1956: 3,318,380 tons)

* Estimated value, no complete data available.

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1958

January	229,222 tons
February	213,992 tons
March	187,804 tons
April	165,730 tons

Shipments decreased in December 1957 and during the first months of 1958 because construction was under way at Object 101.

In 1957, total shipments of crude uranium ore from the mining objects to the individual processing plants were as follows:

	1957	1956
Object 31	378,021 tons	509,693 tons
Object 32	18,004 tons April 1957 (closed in April 1957)	118,130 tons
Object 95	467,325 tons	401,846 tons
Object 96	248,093 tons	202,429 tons
Object 100	18,794 tons (closed in March 1957)	119,505 tons
Object 101	3,268,395 tons	3,318,380 tons
Annaberg,	3,877 tons	7,243 tons
Bushholz,		
Breitenbrunn		
Total	4,421,509 tons	4,477,226 tons

Changes at SDAG Wismut in 1957 and until May 1958

Rationalization measures introduced by SDAG Wismut in mid-1956 have been continued in 1957/58. Only mining objects Nos 6, 9, and 90 were kept in operation. Object 1 was closed in March 1958. Object 2 was merged with Object 9 in April 1958. Mining Object 29 was reportedly closed in mid-1957.

Processing plants were reduced in number. In March 1957, the Aue Object 100, and the Oberschlema Object 99 were closed, in April 1957 the Tannenbergsthal Object 32 was closed. The following objects continued in operation: Lengenfeld Object 31, Dresden-Gittersee Object 95, Freital **Rotschappel** Object 96, and Grossen near Zwickau Object 101. Enlargement and remodeling work at Object 101 between the end-1957 and early 1958 have caused a decrease in the monthly volume of crude ore processed. Progress is slow in the construction of a new processing plant at Seelingstaedt, which apparently is going to be a German plant, and its completion is not to be expected before 1960. Shipments of processed ore to the Soviet Union are continuing from Aue and Breitenbrunn. Since the shipments are maintained at the same level despite the decline in the mining yield, it may be assumed that unprocessed ore is being shipped.

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The 1957 target figure for uranium ore mining was estimated at 4,000 to 4,500 tons uranium content. A steady decline in mine yield and uranium content is expected in the years to come. By early 1958, the East German exploitable uranium deposits are estimated to have decreased to a 10,000 tons uranium content.

Attachments: Graphs showing the following: monthly shipments of uranium ore to the USSR, 1957 - May 1958; monthly shipments of crude uranium ore from Wismut mines to processing plants (7 sheets).

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COUNTRY East Germany

REPORT

SUBJECT SDAG Wismut Activities in 1957 and
during the First Months of 1958

DATE OF REPORT 24 September 1958

DATE OF INFO

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EVALUATION OF

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APPRAISAL OF

1. In 1957, the total volume of East German uranium ore shipped to the Soviet Union amounted to 143,887 tons.

it appears, the 1957 uranium ore shipments are practically equal to those reported for 1956 (i.e. 146,391 tons). In 1957, SDAG Wismut's monthly shipments to the Soviet Union were as follows 1:

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January	10,903 tons	July	13,766 tons
February	11,728 tons	August	12,359 tons
March	12,270 tons	September	11,475 tons
April	11,428 tons	October	12,315 tons
May	10,258 tons	November	13,485 tons
June	<u>11,300 tons *</u>	December	<u>12,600 tons</u>

Total during first half of 1957	<u>67,887 tons</u>	Total during second half of 1957	<u>76,000 tons</u>
---------------------------------	--------------------	----------------------------------	--------------------

Grand total : 143,887 tons
 (grand total in 1956: 146,391 tons)

Monthly average during the first half of 1957 : 11,310 tons
 Monthly average during the second half of 1957: 12,660 tons
 (Respective figures in 1956 : 11,920 tons
 and 12,470 tons)

During the first 5 months of 1958, the following volume of uranium ore was shipped:

January	12,270 tons
February	11,280 tons
March	11,900 tons
April	12,330 tons
May	<u>12,300 tons</u>
Total	<u>60,080 tons</u>

The monthly average amounted to 12,015 tons.

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The volume of shipments in 1957 and 1958 was computed according to the number of freight cars of 15-ton average carrying capacity and does not represent the exact weight. But as the difference is known not to surpass 1 - 2 percent, it may be considered negligible.

The monthly average of uranium ore shipments in 1958 differ but slightly from the figures reported during the second half of 1957. An appreciable decline is shown, however, in the figures under item 2 covering rail shipments from the mining objects to the processing plants. In view of the fact that Objects 32, 99, and 100 were closed down in 1957, it may be assumed that, similar to the conditions prior to 1953, the shipments to the Soviet Union consist partly of non-processed ore, i.e. ore of a lower U_3O_8 content.

2. The following internal rail shipments of raw ore were reported from SDAG Wismut mining objects to processing plants²:

January	375,360 tons	July	399,679 tons
February	396,233 tons	August	413,972 tons
March	421,223 tons	September	343,170 tons
April	353,622 tons	October	357,201 tons
May	352,585 tons *	November	360,033 tons
June	<u>343,753 tons</u>	December	<u>304,758 tons</u>
Total during first half of 1957	<u>2,242,776 tons</u>	Total during second half of 1957	<u>2,178,813 tons</u>

Grand total: 4,421,594 tons

In 1956, 4,477,226 tons were shipped by rail from the mining objects to the processing plants.

The 1957 total volume of ore mined and shipped by rail or truck shows a decline in comparison to the 1956 figures due to the fact that processing plants Nos 32, 99, and 100, which were mostly served by truck shipments, were closed down and truck shipments decreased accordingly. It may be assumed that the 1957 overall mining output will not surpass 5 million tons, which means a 10-percent decrease of the 1956 figure.

In 1958, rail shipments of raw ore from the mining objects to the processing plants decreased considerably in volume. On the basis of data available at the reporting time, rail shipments during the first 4 months of 1958 were the following:

	1958	1957	Ratio between 1957 and 1958
January	330,680 tons	375,360 tons	83 %
February	301,101 tons	396,233 tons	76 %
March	283,613 tons	421,223 tons	67 %
April	243,519 tons	353,622 tons	69 %

* Estimated value, complete data not available.

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This decline was mainly due to depletion of the deposits at Mine Objects Nos 1 and 2 (see items 3a and 3b), and diminished output at Object 9 (see item 3b).

3. Rail shipments of raw uranium ore from the individual mining objects to the processing plants were as follows:

a. Object 1³

Object 1 is constituted of former mining objects Nos 1 and 10 (Johanngeorgenstadt), 8 (Breitenbrunn), 3 (Annaberg), and 7 (Gruenstaedtel). Since 1955, the mining output in these areas had steadily declined, and in August 1956 the wet-mechanical processing plant at Johanngeorgenstadt had been shut down. The ore mined there was subsequently railshipped to the various other processing plants. During the last quarter of 1957, these shipments were only one third of the volume during the first half of 1957. In April 1958, the mining object was discontinued.

1957

January	35,957 tons	July	26,903 tons
February	35,646 tons	August	26,554 tons
March	37,205 tons	September	23,157 tons
April	34,491 tons	October	10,780 tons
May	36,370 tons	November	15,193 tons
June	<u>21,794 tons</u>	December	<u>11,518 tons</u>
Total during first half of 1957	<u>211,463 tons</u>	Total during second half of 1957	<u>114,110 tons</u>

Grand total: 325,573 tons

(Grand total in 1956: 311,860 tons. Prior to August 1956, shipments were mostly operated by truck or narrow-gauge rail system and the corresponding tonnage is not included in the figures presented).

b. Object 2, Object 9³

Rail shipments of raw uranium ore from Object 2 reached a peak of 103,000 tons in March 1957. It was known that the mining output of Objects 2 and 9 were kept at a steady level by occasional transfer of some pits in order to achieve plan fulfillment of Object 2. In April 1958, the two Objects were merged.

Object 2

1957

January	74,554 tons	July	73,001 tons
February	83,379 tons	August	75,746 tons
March	103,019 tons	September	49,409 tons
April	52,978 tons	October	65,131 tons
May	50,000 tons *	November	61,987 tons
June	<u>57,685 tons</u>	December	<u>52,402 tons</u>
Total during first half of 1957	<u>426,615 tons</u>	Total during second half of 1957	<u>377,676 tons</u>
Grand total:	<u>804,291 tons</u>	(Grand total in 1956:	931,654 tons)

* Estimated value

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1958

January	54,642 tons
February	39,967 tons
March	30,193 tons
April	fusion with Object 9

Object 9⁴

Object 9, including mines in the Aue, Schneeberg, Oberschlema and Niederschlema, and Hartenstein areas continues to be the most important East German mining area for uranium ore.

1957

January	102,605 tons	July	115,355 tons
February	93,717 tons	August	116,180 tons
March	109,837 tons	September	99,041 tons
April	103,378 tons	October	100,517 tons
May	100,551 tons	November	100,746 tons
June	<u>95,936 tons</u>	December	<u>85,586 tons</u>

Total during
first half of
1957 611,124 tons

Total during
second half of
1957 617,425 tons

Grand total: 1,228,549 tons
(grand total
in 1956: 1,383,516 tons)

1958

January	100,135 tons
February	86,085 tons
March	69,324 tons
April	75,972 tons

c. Object 6⁴

In 1958, Object 6 with a quantitatively low yield of high-grade uranium showed a 20 percent decrease of its output as against the 1957 average. This was mostly due to depletion of the Tannenbergsthal deposits. Processing Plant No 32 located in that region was closed down in April 1957. The apparent increase in ore shipments by rail do not indicate higher mine yields, but are the result of a shift of shipments from truck to rail. This was mostly due to the closing down of Tannenbergsthal Processing Plant No 32.

January	23,743	July	33,013 tons
February	36,451	August	32,994 tons
March	33,525 tons	September	26,582 tons
April	28,219 tons	October	25,432 tons
May	30,022 tons	November	24,634 tons
June	<u>26,666 tons</u>	December	<u>20,662 tons</u>

Total during
first half of
1957 178,626 tons

Total during
second half of
1957 163,367 tons

Grand total: 341,993 tons

(grand total in 1956: 105,863 tons)

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d. Object 90⁵

Rail shipments from Object 90 remained at the same level reached in the preceding year. Seelingstaedt was reported as a new shipping station as of April 1957. Shipments dispatched from Ronneburg decreased in April 1958 to one tenth of the volume reached in early 1957.

1957

January	133,501 tons	July	151,402 tons
February	142,040 tons	August	162,498 tons
March	137,587 tons	September	144,986 tons
April	129,556 tons	October	155,201 tons
May	135,642 tons	November	157,478 tons
June	<u>131,622 tons</u>	December	<u>134,590 tons</u>
Total during first half of 1957	<u>814,943 tons</u>	Total during second half of 1957	<u>906,155 tons</u>

Grand Total 1,721,103 tons
(grand total in 1956: 1,744,333 tons)

1958

January	139,137 tons
February	140,315 tons
March	153,979 tons
April	141,992 tons

- e. In summary, in 1957, the following rail shipments were made from the individual mining objects to the processing plants:

	1957	1956	Difference of 1957 and 1956 yields
Object 1	325,573 tons	311,360 tons	+ 13,713 tons
Object 2	304,291 tons	931,654 tons	- 127,363 tons
Object 6	341,993 tons	105,863 tons	+ 236,130 tons
Object 9	1,228,549 tons	1,383,516 tons	- 154,967 tons
Object 90	1,721,103 tons	1,744,333 tons	- 23,230 tons
Total	4,421,509 tons	4,477,226 tons	- 55,717 tons

4. The following rail shipments of raw uranium ore were dispatched from the mine objects to the individual processing plants:

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a. Lengenfeld Object 31⁶1957

January	20,541 tons	July	40,764 tons
February	12,803 tons	August	46,077 tons
March	26,762 tons	September	33,314 tons
April	23,337 tons	October	35,062 tons
May	33,120 tons	November	37,445 tons
June	<u>31,374 tons</u>	December	<u>32,372 tons</u>

Total during 152,987 tons
first half of
1957

Total during 225,034 tons
second half of
1957

Grand total: 378,021 tons

(grand total in 1956: 309,693 tons)

1958

January	35,540 tons
February	26,641 tons
March	29,372 tons
April	11,924 tons

b. Tannbergsthal Object No 32⁶1957

January	3,549 tons
February	5,755 tons
March	6,813 tons
April	1,887 tons

closed after April

c. Dresden-Gittersee Object No 95⁶1957

January	34,960 tons	July	38,257 tons
February	39,543 tons	August	46,726 tons
March	38,172 tons	September	39,993 tons
April	36,319 tons	October	43,205 tons
May	34,852 tons	November	43,415 tons
June	<u>40,003 tons</u>	December	<u>31,880 tons</u>

Total during 223,849 tons
first half of
1957

Total during 243,476 tons
second half of
1957

Grand total: 467,325 tons

(grand total in 1956: 401,846 tons)

1958

January	41,599 tons
February	37,922 tons
March	36,004 tons
April	31,643 tons

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d. Freital-Potschapell Object No 96 (93)

1957

January	23,223 tons	July	22,720 tons
February	16,621 tons	August	24,220 tons
March	19,786 tons	September	20,626 tons
April	19,515 tons	October	23,525 tons
May	22,822 tons	November	22,527 tons
June	<u>9,313 tons</u>	December	<u>23,190 tons</u>
Total during first half of 1957	<u>111,235 tons</u>	Total during second half of 1957	<u>136,808 tons</u>

Grand total: 248,093 tons

(grand total in 1956: 202,429 tons)

1958

January	24,319 tons
February	22,546 tons
March	30,438 tons
April	34,222 tons

e. Aue Object No 100

1957

January	7,635 tons
February	10,529 tons
March	589 tons

subsequently closed down.

f. Grossen near Zwickau Object No 101

1957

January	285,397 tons	July	296,469 tons
February	310,982 tons	August	295,465 tons
March	329,101 tons	September	249,237 tons
April	267,514 tons	October	255,409 tons
May	261,791 tons *	November	256,651 tons
June	<u>263,063 tons</u>	December	<u>217,316 tons</u>
Total during first half of 1957	<u>1717,848 tons</u>	Total during second half of 1957	<u>1570547 tons</u>

Grand total: 3,288,395 tons

(grand total in 1956: 3,318,380 tons)

* Estimated value, no complete data available.

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1958

January 229,222 tons
 February 213,992 tons
 March 187,804 tons
 April 165,730 tons

The decrease in shipments received in December 1957 and during the first months of 1958 was caused by constructional changes under way at Object 101.

In 1957, rail shipments of raw uranium ore from the mining objects to the individual processing plants were as follows:

	1957	1956
Object 31	378,021 tons	309,693 tons
Object 32	18,004 tons April 1957 (closed down in April 1957)	118,130 tons
Object 95	467,325 tons	401,846 tons
Object 96	248,093 tons	202,429 tons
Object 100	18,794 tons (closed down in March 1957)	119,505 tons
Object 101	3,288,395 tons	3,318,380 tons
Annaberg, Buchholz, Breitenbrunn	3,877 tons	7,243 tons
Total	4,421,509 tons	4,477,226 tons

5. Changes at SDAG Wismut in 1957 and until May 1958

Rationalization measures introduced by SDAG Wismut in mid-1956 have been continued in 1957/58. Only mining objects Nos 6, 9, and 90 were kept in operation. Object 1 was closed down in March 1958. Object 2 was merged with Object 9 in April 1958. Mining Object 29 was reportedly closed down in mid-1957.

Processing plants were reduced in number. In March 1957, the Aue Object 100, and the Oberschlema Object 99 were closed, in April 1957 the Tannenbergthal Object 32 was closed. The following objects continued in operation: Lengenfeld Object 31, Dresden-Gittersee Object 95, Freital-Potschappel Object 96, and Crossen near Zwickau Object 101. Enlargement and remodeling work at Object 101 between end-1957 and early 1958 have caused a decrease in the monthly volume of raw ore processed. Progress is slow at the construction of a new processing plant at Seelingstaedt, which apparently is going to be a German plant, and its completion is not to be expected before 1960. Shipments of processed ore to the Soviet Union are continuing from Aue and Breitenbrunn. Since the shipments are maintained at the same level despite the decline in the mining yield, it may be assumed that unprocessed ore is being shipped.

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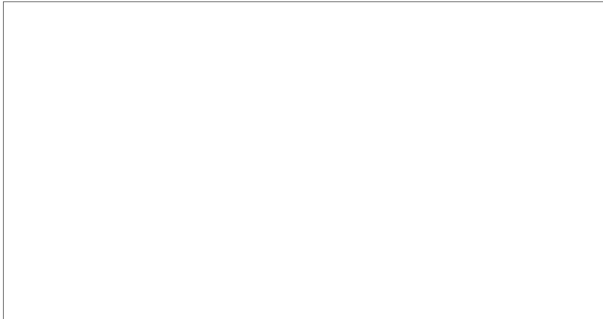
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The 1957 target figure for uranium ore mining was estimated at 4,000 to 4,500 tons uranium content. A steady decline in mine yield and uranium content is expected in the years to come. By early 1958, the East German exploitable uranium deposits are estimated to have decreased to a 10,000 tons uranium content.



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